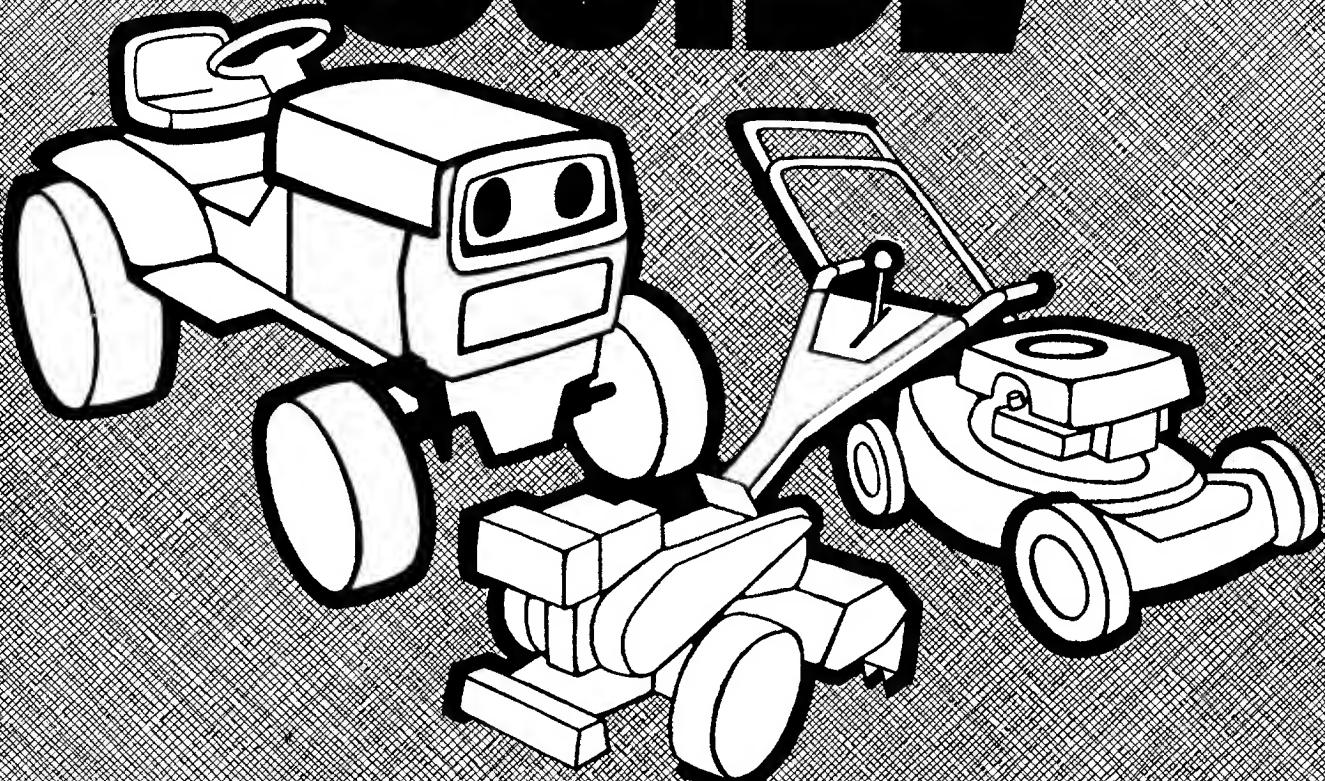


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OWNER'S GUIDE



ASSEMBLY • OPERATION • MAINTENANCE • PARTS

20" MULCHING MOWER

Important:

Read Safety Rules and
Instructions Carefully

Model Number
111-170A

Thank you for purchasing an
American built product.

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LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.



TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA

The equipment which you have just purchased does not have a spark arrester. If this equipment is used on any forest covered land, brush covered land, or grass covered unimproved land in the State of California, before using on such land, the California law requires that a spark arrester be provided. In addition, spark arrester is required by law to be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.



WARNING

To reduce the potential for any injury, comply with the following safety instructions. Failure to comply with the instructions may result in personal injury.

SAFE OPERATION PRACTICES FOR WALK-BEHIND MOWERS

TRAINING

1. It is suggested that this manual be read in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future reference and for ordering replacement parts.
2. Your rotary mower is a precision piece of power equipment, not a plaything. Therefore, exercise extreme caution at all times.
3. Read this Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
4. Never allow children to operate a power mower. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction and cause injury.

PREPARATION

1. Thoroughly inspect the area where the equipment is to be used. Remove all stones, sticks, wire, bones and other foreign objects which could be picked up and thrown by the mower in any direction and cause injury.
2. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
3. Do not wear loose fitting clothing that could get caught on the mower.
4. Check the fuel before starting the engine. Gasoline is an extremely flammable fuel. Do not fill the gasoline tank indoors, while the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine as it may cause a fire or explosion.
5. Disengage the self-propelled mechanism or drive clutch on units so equipped before starting the engine.
6. Never attempt to make a wheel or cutting height adjustment while the engine is running.
7. Mow only in daylight or in good artificial light.
8. Never operate the equipment in wet grass. Always be sure of your footing. Keep a firm hold on the handle and walk, never run.

OPERATION

1. Do not change the engine governor settings or overspeed the engine. Excessive engine speeds are dangerous.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade can cause injury.
3. Stop the blade when crossing gravel drives, walks or roads.

4. After striking a foreign object, stop the engine, remove the wire from the spark plug, and thoroughly inspect the mower for any damage. Repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the mower, before cleaning the mower housing, and when making any repairs or inspections.
7. When cleaning, repairing or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Before attempting to unclog the mower or discharge chute, stop the engine and be sure the blade has stopped completely. The cutting blade continues to rotate for a few seconds after the engine is shut off. Never place any part of the body in the blade area until you are sure the blade has stopped rotating. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
9. Do not run the engine indoors.
10. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
11. Mow across the face of slopes, never up-and-down. Exercise extreme caution when changing direction on slopes. Do not mow excessively steep slopes.
12. Always disconnect electric mowers (line operated) before cleaning, repairing or adjusting.
13. Never operate mower without proper guards, plates or other safety protective devices in place.
14. Keep washout ports and other mower-housing service openings closed when mowing.

MAINTENANCE AND STORAGE

1. Check the blade and engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
4. To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.
5. Check the grass catcher bag frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.

ASSEMBLY INSTRUCTIONS

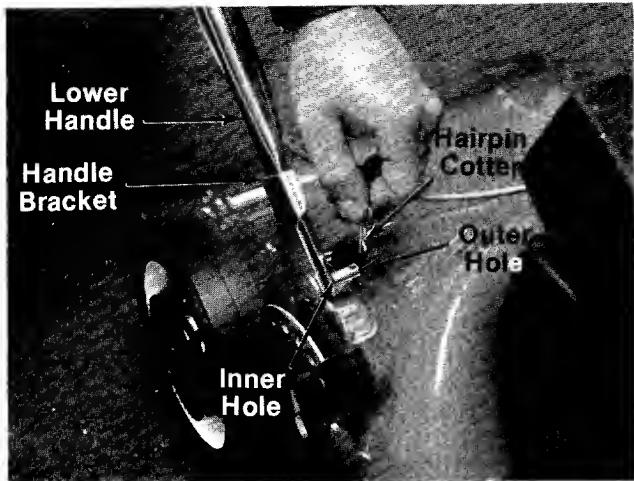


FIGURE 1.

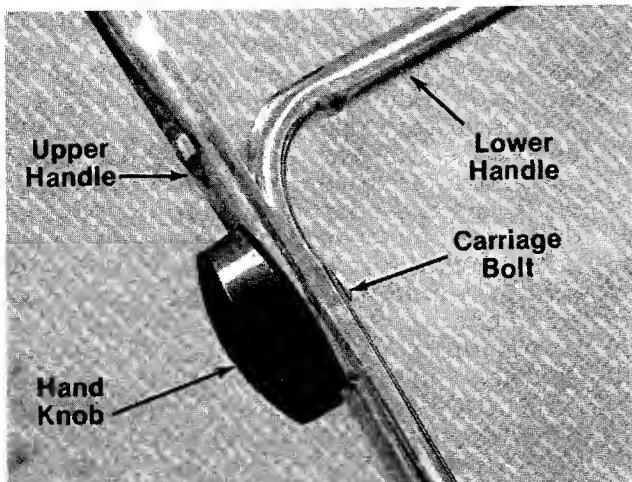


FIGURE 2.

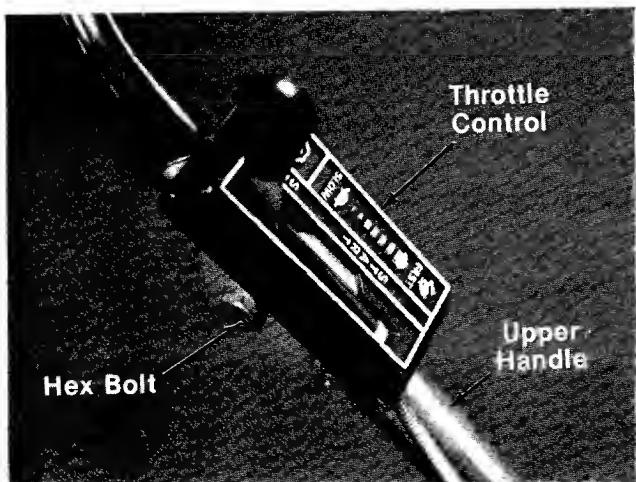


FIGURE 3.

NOTE

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and engine oil recommendations.

1. Extend throttle control which is attached to the engine at the rear of the mower and place on the floor. Be careful not to bend or kink control wire.
2. Fasten lower handle in position over weld pins in handle mount brackets on deck. Secure with hairpin coppers in inner hole on weld pin. See figure 1.

NOTE

There are two (2) holes in the handle mount brackets. Place the lower handle against the brackets and secure with hairpin cotter in the inner hole. Inner hole is for operation. Outer hole is for storage.

NOTE

It may be necessary to spread the ends of the lower handle. This will insure a tight fit when assembled into handle mount brackets.

3. Assemble upper handle to lower handle. Secure with two carriage bolts and handle knobs as shown in figure 2. The knobs may be assembled either to the inside or the outside of the handle.

NOTE

There are two height positions for the handle. See adjustment section.

4. Place the throttle control in position on right side of upper handle. Secure with hex bolt and lock nut. See figure 3.

NOTE

Reference to right or left hand side of the mower is observed from the operating position.

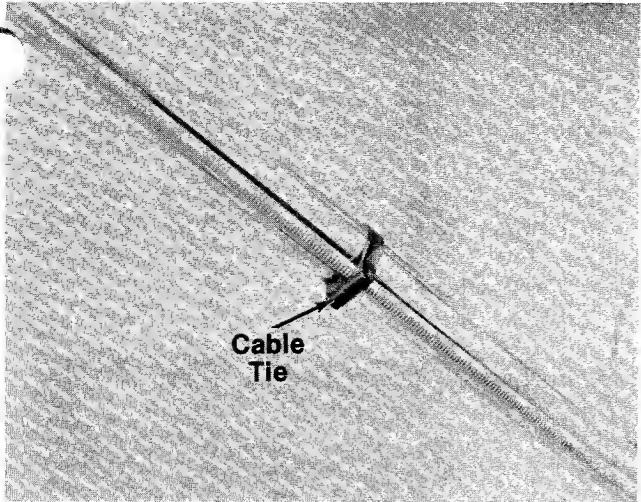


FIGURE 4.

5. Use the cable ties to fasten the throttle control wire to the handle. See figure 4.
6. Check ALL nuts and bolts for correct tightness.

NOTE

This mulching mower is shipped with the mulcher baffle and mulcher blade in place. If you wish to just mow, a standard cutting blade is available as optional equipment. See adjustment section for procedure to change blades.

OPERATION

CAUTION
DO NOT OPERATE
MOWER UNLESS
GUARD OR ENTIRE
GRASS CATCHER IS
IN ITS PROPER PLACE.



FIGURE 5.

Keep hands and feet away from the chute area on cutting deck. See figure 5.

NOTE

For shipping purposes your mower is set with the wheels in a low cutting height position. For best results, raise the cutting position until it is determined which height is best for your lawn. See adjustment section.

BEFORE STARTING

1. **FILL SUMP WITH OIL.** Use a high quality detergent oil classified "For Service SC, SD, SE or MS". Use viscosity grade SAE 30, SAE 10W-30 or SAE 10W-40. Nothing should be added to the recommended oil.

Place the engine level. Remove oil cap and dipstick and fill to FULL mark on dipstick. DO NOT OVERFILL. Pour slowly. Capacity 1-1/4 pints.

2. **FILL FUEL TANK,** using clean, fresh, leaded regular grade automotive gasoline. **Fill tank completely!**

DO NOT MIX OIL WITH GASOLINE.

3. Attach spark plug wire to spark plug.

START ENGINE

1. Move throttle control lever to "START" position.
2. Crank engine, pulling recoil starter with a quick firm pull. Do not pull out so far that rope stops with a jerk as this will cause rope failure. Do not allow rope and handle to snap back into place.

3. After two or three full firm pulls on recoil, or as soon as engine fires, move throttle control to run position.

Operate a new engine at intermediate speeds and light load for the first few hours as you would a new automotive engine.

TO STOP ENGINE

1. To stop engine, move throttle control lever to "STOP" position.
2. Remove spark plug wire from spark plug to prevent accidental starting while equipment is unattended.



NOTE
If carburetor needs adjustment to start or for operation, see adjustment section.



IMPORTANT
After striking a foreign object, stop the engine. Remove wire from spark plug. Thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

ADJUSTMENTS



Always remove the spark plug wire from the spark plug and ground it against the engine block before making any adjustments. See figure 6.

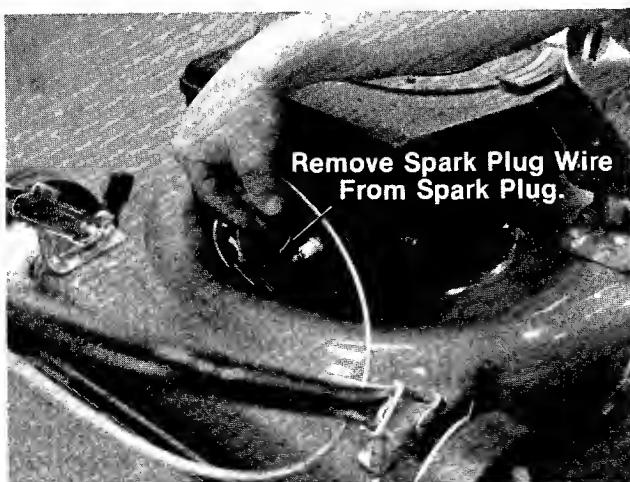


FIGURE 6.

CHANGING BLADES

(Standard blade is available as optional equipment.)

An adjustable wrench is required to remove or install the mulching baffle and blade on the mower.

1. Remove the hex spacer stop and lock washer shown in figure 7. Remove the hex nut and lock washer shown in figure 8. Remove the mulching baffle.

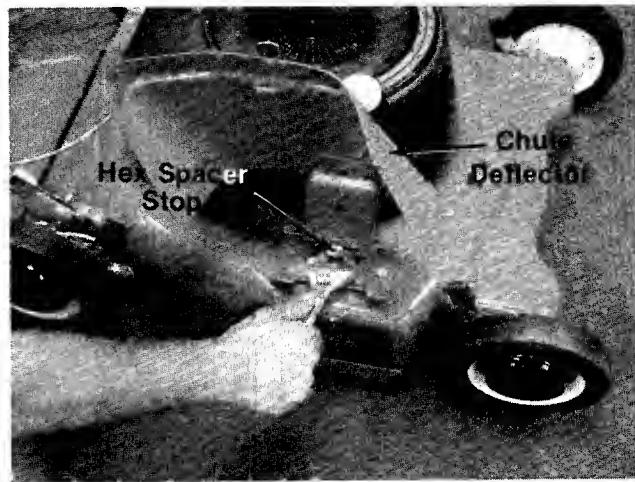


FIGURE 7.

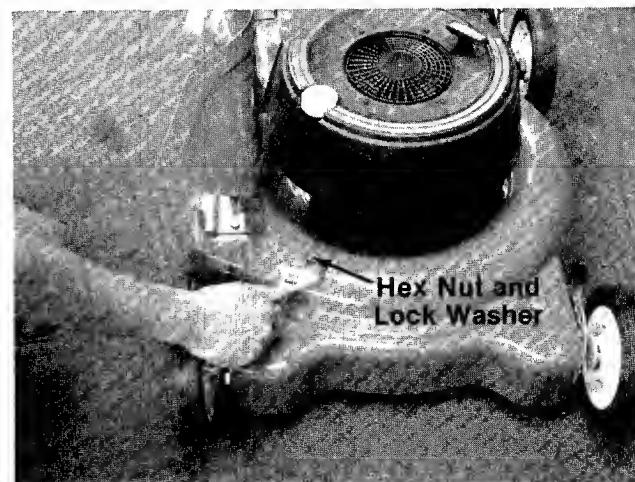


FIGURE 8.

2. Remove the mulching blade by removing only the center bolt and lock washer. A 9/16" box wrench or an adjustable wrench is required. Hold the blade with a rag to prevent cutting your hand. See figure 9.

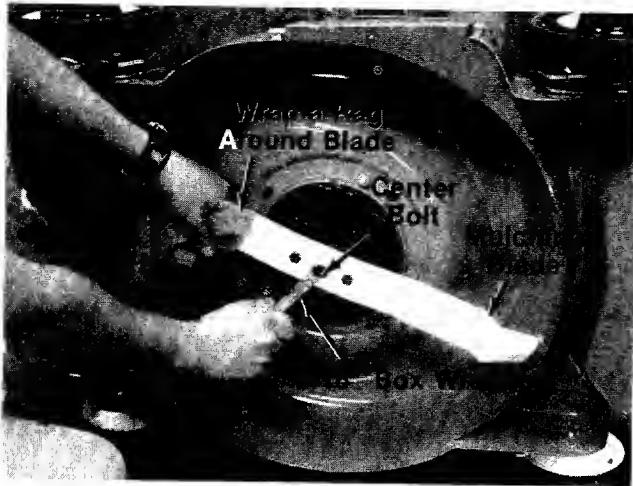


FIGURE 9.

3. Install the standard cutting blade by replacing the center bolt and lock washer. Tighten securely. Again, hold the blade with a rag for safety. See figure 10.

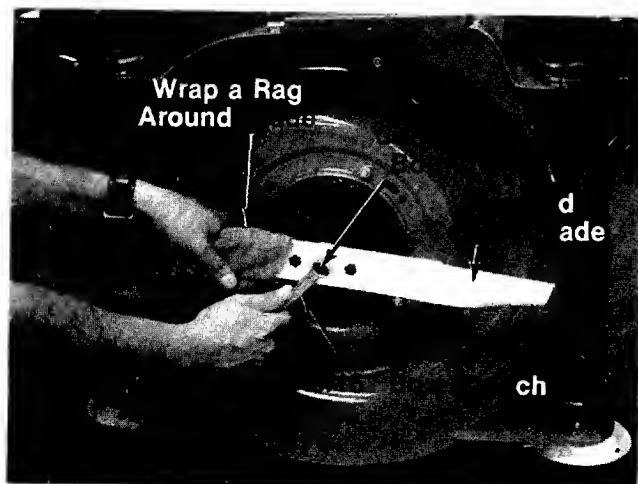


FIGURE 10.

4. For normal mowing, you should have removed the items shown in figure 11. Have the standard blade installed and the chute deflector down.

To reinstall mulching blade, reverse the preceding steps.



NOTE
Apply a little grease on crankshaft
when changing blades.

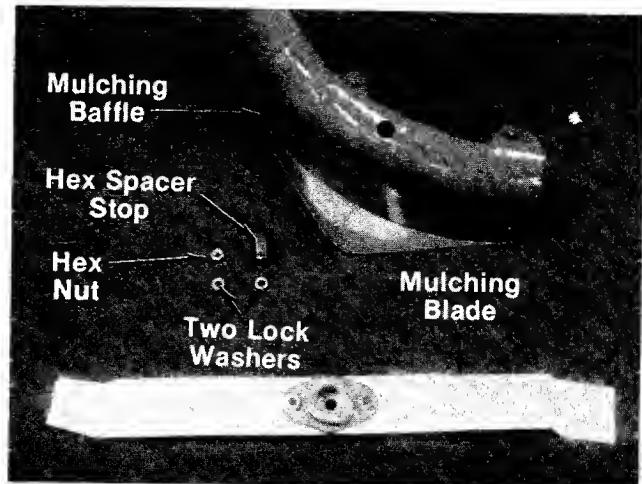


FIGURE 11.

CUTTING HEIGHT

An adjusting plate and thumb lever at each wheel position provides cutting height adjustment. Each adjusting plate has five holes. Height of cut will be changed when the thumb lever is moved from one hole to another. Simply depress thumb lever towards wheel and move wheel and lever assembly to desired position. All wheels must be placed in the same relative position.

HANDLE POSITION

The upper handle can be adjusted to a high or low position. The operator of the lawn mower can easily adjust the handle position by unscrewing the two knobs, removing the two bolts and reassembling in the other position. No tools are necessary to make this adjustment. See figure 12.

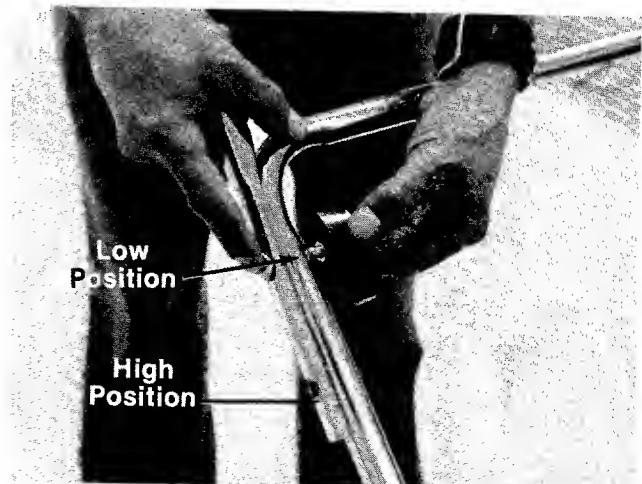


FIGURE 12.

THROTTLE

If adjustment becomes necessary, the throttle control wire assembly can be reset as follows:

1. Loosen, but do not remove, screw securing throttle control wire assembly at engine.
2. Move throttle control lever on handle to "FAST" position.
3. Move lever, to which control wire is fastened at engine, to full open position and retighten screw to secure throttle control wire assembly.



WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

CARBURETOR ADJUSTMENT

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load.

All carburetor adjustments should be made with the air cleaner on engine. Air cleaner mounting screw **must** be in carburetor when engine is run. Best adjustment is made with a fuel tank half full of gasoline. To adjust carburetor, proceed as follows. See figure 13.

1. Start engine and run long enough to warm it to operating temperature.
If engine is out of adjustment so that it will not start, close the needle valve by turning it clockwise. Then open needle valve $1\frac{1}{2}$ turns counterclockwise.
2. Move engine control to run engine at normal operating speed.
 - a. Turn needle valve in clockwise until engine starts to lose speed (lean mixture).
 - b. Then slowly turn needle valve out counterclockwise past the point of smoothest operation until engine just begins to run unevenly (rich mixture).
 - c. Turn needle valve back in clockwise very slowly till engine runs evenly.
 - d. Final adjustment of the needle valve should be slightly to the rich side (turn counterclockwise) of the mid-point.
3. Move engine control to SLOW. Turn idle adjusting screw until a fast idle is obtained—(1750 R.P.M.).

4. To check adjustment, move engine control from SLOW to FAST speed. Engine should accelerate smoothly. If engine tends to stall or die out, increase idle speed or readjust carburetor, usually to a slightly richer mixture.

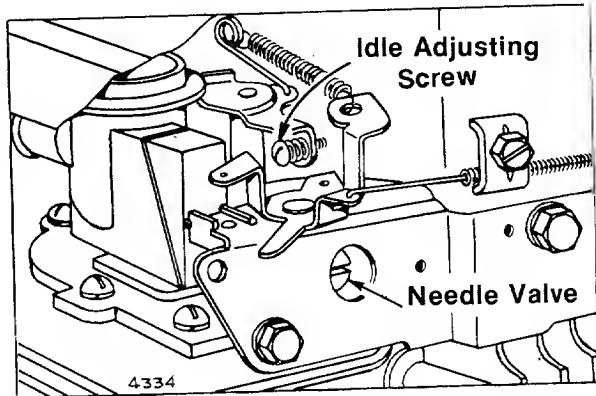


FIGURE 13.

LUBRICATION

IMPORTANT

Always stop engine and disconnect spark plug wire before cleaning, lubricating or doing any kind of work on lawn mower.

Wheels—Mower is provided with ball bearing wheels. Lubricate at least once a season with light oil.

Also, if the wheels are removed for any reason, lubricate the surface of the axle bolt and the inner surface of the wheel with light oil. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

Throttle—Periodically lubricate throttle control lever and throttle wire assembly with a few drops of light oil for ease of operation.

Protective Shield—The pivot points on the protective shield should be lubricated periodically with light oil to prevent any rust or binding up.

Chute Deflector—The torsion spring and pivot point should be lubricated periodically with light oil to prevent any rust or binding up. Deflector should work freely.

MAINTENANCE

CUTTING BLADE

A. Removal for Sharpening or Replacement



Be sure to disconnect and ground the spark plug wire before working on the cutting blade to prevent accidental engine starting.

1. Remove the large bolt and lock washer which holds the blade and adapter to the engine crankshaft.
2. Remove the blade and adapter from the crankshaft. Be careful not to lose the key on the crankshaft.
3. If the blade or blade adapter needs replacing, remove the two small bolts, lock washers and nuts which hold the blade to the adapter.

B. Sharpening

Remove the cutting blade by following the directions of the preceding section.

When sharpening the blade, follow the original angle of grind as a guide. It is **extremely important** that each cutting edge receives an equal amount of grinding to prevent an unbalanced blade. An unbalanced blade will cause excessive vibration when rotating at high speeds and may cause damage to the mower.

The blade can be tested for balance by balancing it on a round shaft screwdriver. Remove metal from the heavy side until it balances evenly.



NOTE

It is recommended that the blade always be removed from the adapter for the best test of balance.

C. Reassembly

Before reassembling the blade and the blade adapter to the unit, lubricate the engine crankshaft and the inner surface of the blade adapter with light oil. Lubricating the bolt holes, bolts and inner surface of the nuts with light oil is also recommended. A 4 oz. plastic bottle of light oil lubricant is available. Order part number 737-0170. Engine oil may also be used.

When replacing the blade, be sure to install the blade with the side of the blade marked "Bottom"

(or with part number) facing the ground when the mower is in the operating position. Make certain key is in place on the crankshaft.

Blade Mounting Torque

3/8" Dia. Bolt 375 in. lb. min., 450 in. lb. max.

5/16" Dia. Bolt 150 in. lb. min., 250 in. lb. max.

To insure safe operation of your unit, ALL nuts and bolts must be checked periodically for correct tightness.

DECK

The underside of mower deck should be cleaned after each period of use as grass clippings, leaves, dirt and other matter will accumulate. This accumulation of grass clippings, etc., is undesirable as it will invite rust and corrosion and may cause an uneven discharge of grass clippings at the next cutting.

The deck may be cleaned by tilting the mower forward or on its side and scraping clean with a suitable tool or by washing with a stream of water from a garden hose.



CAUTION

Do not direct the stream of water at a hot engine as damage to the engine may result.

ENGINE OIL

CHECK OIL LEVEL before starting engine and after every 5 hours of operation.

ADD oil as necessary to keep level TO FULL MARK ON DIPSTICK.

Before removing dipstick, clean area around plug to prevent dirt from entering oil fill tube.

Engine should be in a level position when checking oil.

CHANGE OIL after first 5 hours of operation. Thereafter change every 25 hours. Change oil while engine is warm. Oil may be drained thru drain on bottom of engine. To drain completely, always place engine level when draining thru the bottom. Oil capacity 1-1/4 pints.

AIR CLEANER

CLEAN AIR CLEANER and re-oil element every 25 hours under normal conditions. Clean every few hours under extremely dusty conditions. Poor engine performance and flooding usually indicates that the air cleaner should be serviced. See figure 14.

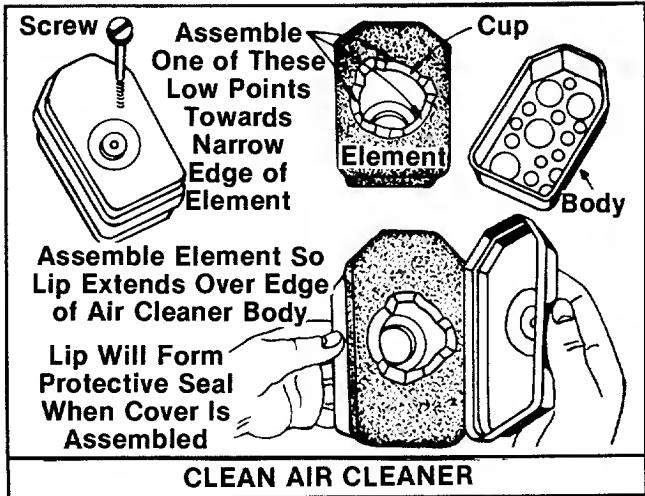


FIGURE 14.

1. Remove screw.
2. Remove air cleaner carefully to prevent dirt from entering carburetor.
3. Take air cleaner apart and clean.
 - a. WASH foam element in kerosene or a liquid detergent and water to remove dirt.
 - b. DRY foam completely by wrapping and squeezing in a cloth.
 - c. SOAK foam with engine oil. Squeeze to distribute and remove excess oil.
4. Reassemble parts and fasten to carburetor.

SPARK PLUG

The spark plug should be cleaned (see figure 15) and the gap reset to a 0.030-inch clearance once a season (see figure 16). Spark plug replacement is recommended at the start of each mowing season; check engine manual for correct plug type.

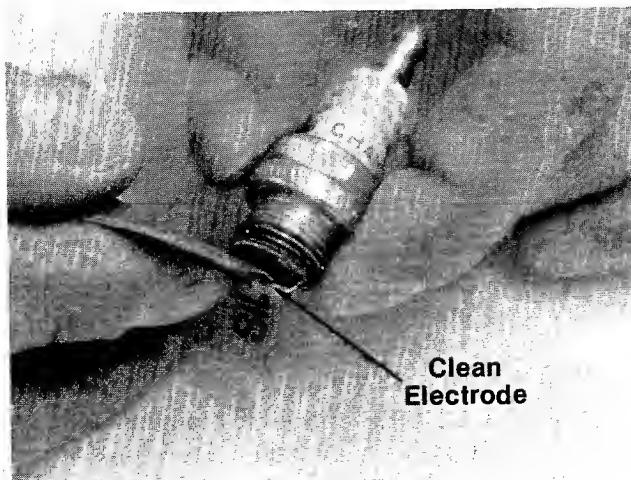


FIGURE 15.

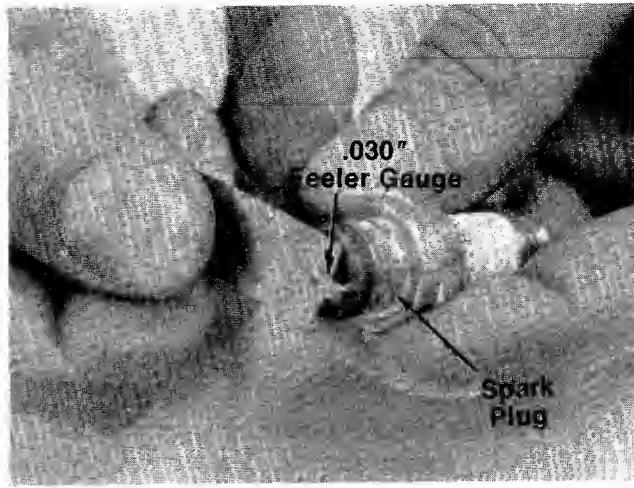


FIGURE 16.



Whenever the spark plug is removed for cleaning, it is advisable to replace the spark plug gasket with a new gasket.

OFF-SEASON STORAGE

The following steps should be taken to prepare lawn mower for storage.

1. Clean and lubricate mower thoroughly as described in the lubrication instructions.
2. Refer to Engine Manual for correct engine storage instructions.
3. Coat mower's cutting blade with chassis grease to prevent rusting.
4. Place blocks under deck to raise tires clear of floor.
5. Store mower in a dry, clean area.

HANDLE STORAGE

The handle may be placed in an upright position for storage.

Move the hairpin cotters to the outer hole on weld pins. See figure 1. Press inward on the bottom of the lower handle and push forward. The handle will lock in this position. See figure 17.

Reverse the above procedure to place the handle in the operating position.

The handle may also be folded away completely for storage.

1. Remove hairpin cotters from inner hole on weld pins on handle mount brackets. Place in outer hole. See figure 1.
2. Loosen the two hand knobs on each side of the handle.
3. Pull inward on the bottom of each side of the lower handle and push forward. See figure 17.
4. Fold the upper handle back and down as shown. See figures 18 and 19.

To Take the Handle out of Storage Position.

1. Lift the upper handle up and towards the rear as shown.
2. Pull the handle back until it **locks** into the operator's position.
3. Tighten the two hand knobs securely.
4. Move the hairpin cotters to the inner hole on the weld pins.

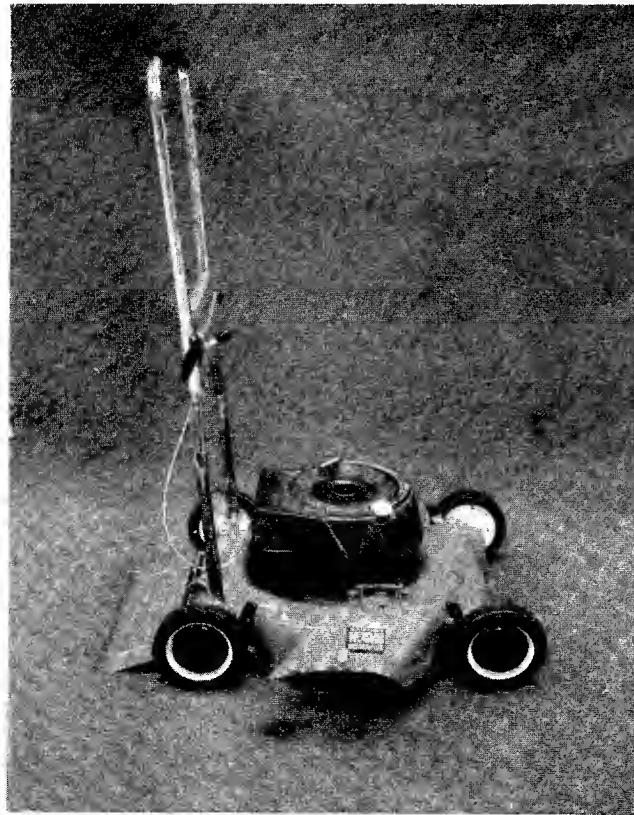


FIGURE 17.

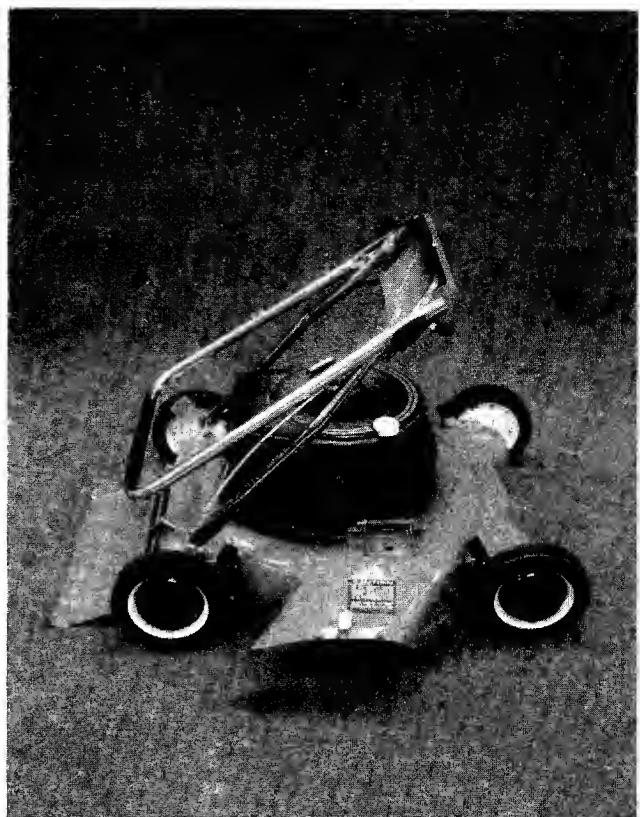


FIGURE 18.

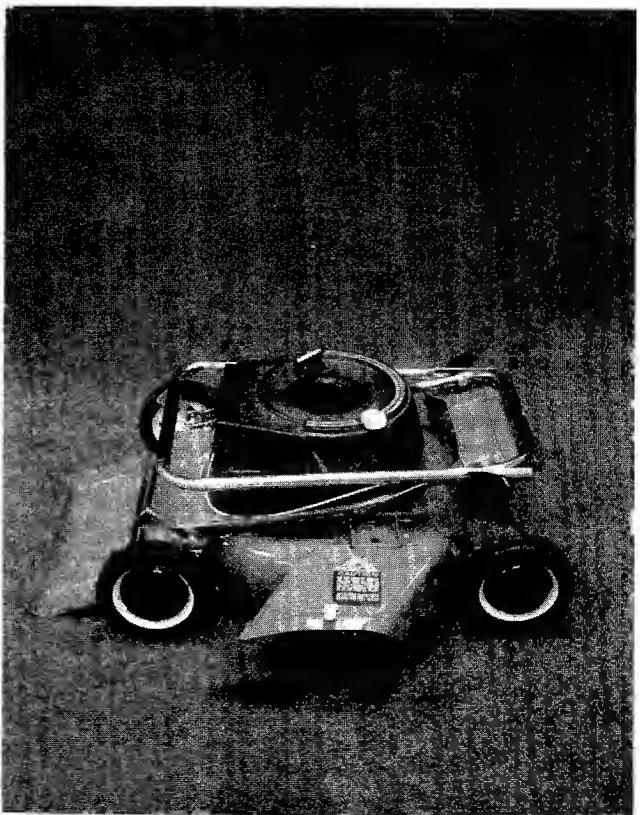


FIGURE 19.

 **NOTE**

The use of any accessory on this Rotary Mower other than those manufactured by the mower manufacturer is **not** recommended.

GRASS CATCHER Model No. 191-003A is available as optional equipment for the mower shown in this manual.



1. The mower should not be operated without the entire grass catcher or chute deflector in place.
2. The mower should not be operated without the protective shield on the rear of the deck in place.

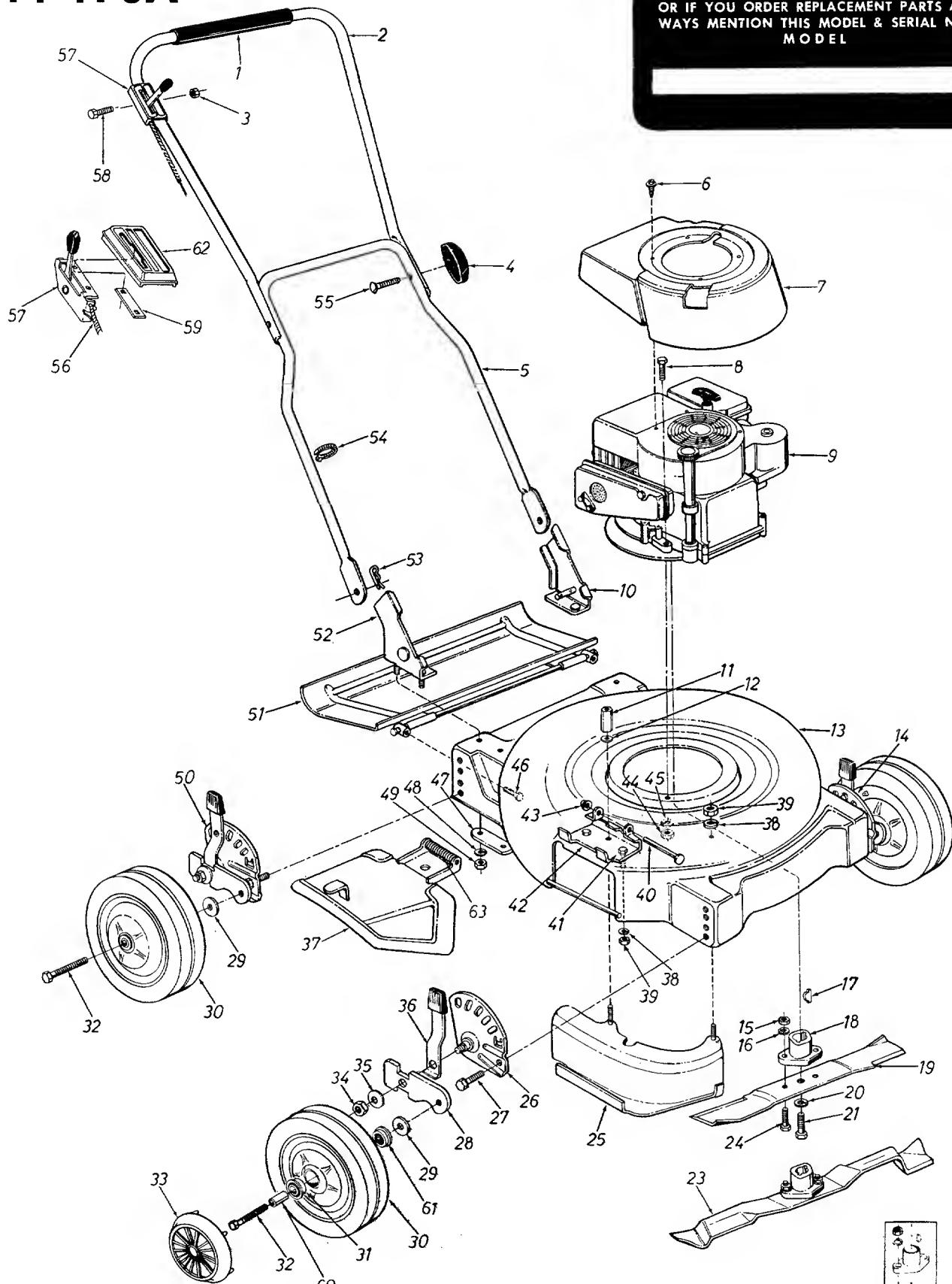
 **NOTE**

Under normal usage bag material is subject to wear and should be checked periodically. Be sure any replacement bag complies with the mower manufacturer's recommendations.

For replacement bags, use only factory authorized replacement bag No. 764-0176.

111-170A

IF YOU WRITE TO US ABOUT THIS ARTICLE
OR IF YOU ORDER REPLACEMENT PARTS AL-
WAYS MENTION THIS MODEL & SERIAL NO
MODEL



111-170A

PARTS LIST FOR MODEL 111-170A

| REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART | REF. NO. | PART NO. | COLOR CODE | DESCRIPTION | NEW PART |
|-------------|-------------|---------------|------------------------------|-------------|-------------|-------------|---------------------------|-------------------------------|-------------|
| 1 | 718-0145 | | Grip | | 33 | 731-0124 | | Hub Cap | |
| 2 | 749-0384 | | Upper Handle | | 34 | 712-0116 | | Hex Ins. Jam L-Nut 3/8-24 | |
| 3 | 712-0107 | | Hex Cent. L-Nut 1/4-20 Thd. | | 35 | 736-0219 | | Thd. | |
| 4 | 09966 | | Handle Knob | | 36 | 14082 | | Bell. Wash. .40 I.D. x 1.12 | |
| 5 | 749-0373 | | Lower Handle | | 37 | 11679 —462 | | O.D. x .03 | |
| 6 | 710-0227 | | Hex AB Tapp. Scr.—#8 x .50" | | 38 | 736-0329 | | Spring Lever Ass'y. w/Knob | |
| | | Lg. | | | 39 | 712-0287 | | Chute Deflector Ass'y. | |
| 7 | 731-0276 | | Shroud Plastic | | 40 | 711-0555 | | Comp. | |
| 8 | 710-0158 | | Hex Scr. 5/16-24 x 1.50" Lg. | | 41 | 710-0289 | | L-Wash. for 1/4" Scr.* | |
| 9 | — | | Engine | | 42 | 11130 —462 | | Hex Nut 1/4-20 Thd.* | |
| 10 | 12945 | | Handle Mounting Brkt.—L.H. | | 43 | 726-0106 | | Pivot Pin | |
| 11 | 711-0685 | | Hex Spacer Stop | | 44 | 712-0123 | | Hex Scr. 1/4-20 x .50" Lg.* | |
| 12 | 736-0329 | | L-Wash. for 1/4" Scr. | | 45 | 736-0119 | | Deflector Hinge Plate | |
| 13 | 13679 —462 | | 20" Deck Ass'y. | | 46 | 710-0567 | | Push Nut for 1/4" Rod | |
| 14 | 10941 | | Height Adj. Ass'y. w/Black | | 47 | 08405 | | Hex Nut 5/16-24 Thd.* | |
| | | Knob—L.H. | | 48 | 736-0329 | | L-Wash. 5/16" Scr.* | | |
| 15 | 712-0123 | | Hex Nut 5/16-24 Thd. | | 49 | 712-0287 | | Hex Sems Scr. 1/4-28 x .62" | |
| 16 | 736-0119 | | L-Wash. for 5/16" Scr.* | | 50 | 10938 | | Lg.* | |
| 17 | 714-0365 | | #6 Hi-Pro Key 5/32" x 5/8" | | 51 | 11193 —462 | | Reinforcement Plate | |
| | | Dia. | | 52 | 12946 | | L-Wash. for 1/4" Scr.* | | |
| 18 | 10769 | | Blade Adapter Kit | | 53 | 714-0104 | | Hex Nut 1/4-20 Thd.* | |
| 19 | 742-0123 | | 20" Standard Blade | | 54 | 726-0188 | | Height Adj. Ass'y. w/Black— | |
| | | (Optional) | | 55 | 710-0405 | | R.H. | | |
| 20 | 736-0217 | | H Spring L-Wash. for 3/8" | | 56 | 746-0381 | | Rear Shield Ass'y. Comp. | |
| | | Scr.* | | 57 | 746-0380 | | Handle Mtg. Brkt. Ass'y.— | | |
| 21 | 710-0459 | | Hex Scr. 3/8-24 x 1.50" Lg. | | 58 | 710-0606 | | R.H. | |
| 22 | 10769 | | Blade Adapter Kit | | 59 | 726-0134 | | Intern. Cotter Pin 5/16" Dia. | |
| 23 | 742-0213 | | 20" Mulching Blade | | 60 | 750-0434 | | Cable Tie | |
| 24 | 710-0117 | | Hex Scr. 5/16-24 x 1.00" Lg. | | 61 | 741-0484 | | Curved Carriage Bolt 5/16-18 | |
| 25 | 13854 | | Mulching Baffle Ass'y. | | 62 | 731-0344 | | x 1.75" Lg. | |
| 26 | 10934 | | Index Plate Ass'y.—R.H. | | 63 | 732-0253 | | Conduit and Wire | |
| 27 | 710-0209 | | Hex Sems Scr. 3/8-16 x .62" | | | | | Throttle Control Ass'y. | |
| | | Lg.* | | | | | | Comp. | |
| 28 | 10937 | | Pivot Bar | | 58 | 710-0606 | | Hex Bolt 1/4-20 x 1.50" Lg.* | |
| 29 | 736-0105 | | Bell. Wash. .40" I.D. x .88" | | 59 | 726-0134 | | Speed Nut #8-32 Twin Type | |
| | | O.D. x .06 | | 60 | 750-0434 | | Spacer | | |
| 30 | 734-0844 | | Wheel Ass'y. Complete | | 61 | 741-0484 | | Ball Bearing | |
| 31 | 741-0267 | | Flange Ball Bearing | | 62 | 731-0344 | | Plastic Cover | |
| 32 | 710-0347 | | Hex Scr. 3/8-16 x 1.75" Lg.* | | 63 | 732-0253 | | Torsion Spring | |

(462—Red Flake)

*For faster service obtain standard nuts, bolts and washers locally. If these items cannot be obtained locally, order by part number and size as shown on parts list.

When ordering parts, if color or finish is important use the appropriate color code shown above. (e.g. Red Flake Finish—13679 (462).)

NOTE: Mulcher kit is available under Kit No. 753-0213.

NOTE: The engine is not under warranty by the mower manufacturer... If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service for all MTD manufactured power equipment are available through the authorized service firms listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

| | |
|--------------------------------|------------------------------------|
| ALABAMA | BIRMINGHAM |
| Auto Electric & Carburetor Co. | 2625 4th Ave. S. 35233 |
| ARKANSAS | FORT SMITH |
| Mity Mite Motors, Inc. | 4515 S. 16th St. 72901 |
| CALIFORNIA | NORTH LITTLE ROCK |
| Sutton's Lawn Mower Shop | Rt. 4, Box 368 72117 |
| COLORADO | PORTERVILLE |
| Billious | 75 North D Street 93257 |
| J.W. Jewett Co. | SAN FRANCISCO |
| Colorado Outdoor Power Equip. | 981 Folsom St. 94107 |
| FLORIDA | DENVER |
| Radco Distributors | 527 West Evans 80223 |
| GEORGIA | JACKSONVILLE |
| Small Eng. Dist. | 4909 Victor St. |
| East Point Cycle & Key | Box 5459 32207 |
| ILLINOIS | OPA LOCKA |
| Keen Edge Co. | 2351 N.W. 147th St. 33054 |
| INDIANA | EAST POINT |
| Parts & Sales Inc. | 2834 Church St. 30344 |
| IOWA | LYONS |
| Power Lawn & Garden Equip. | 8615 Ogden Ave. 60534 |
| LOUISIANA | ELKHART |
| Suhren Engine Co. | 2101 Industrial Pkwy. 46514 |
| MARYLAND | DUBUQUE |
| Center Supply Co. | 2551 J.F. Kennedy 52001 |
| MASSACHUSETTS | NEW ORLEANS |
| Morton B. Collins Co. | 8330 Earhart Blvd. 70118 |
| MICHIGAN | TAKOMA PARK |
| Lorenz Service Co. | 6867 New Hampshire Ave. 20012 |
| MINNESOTA | SPRINGFIELD |
| Power Equipment Dist. | 300 Birnie Ave. 01107 |
| MISSISSIPPI | LANSING |
| Hance Distributing Inc. | 2500 S. Pennsylvania 48910 |
| MISSOURI | MOUNT CLEMENS |
| Biloxi Sales & Service, Inc. | 36463 South Gratiot 48043 |
| NEW JERSEY | HOPKINS |
| Henzler, Inc. | 420 Excelsior Ave. W. 55343 |
| NEW YORK | BILOXI |
| Feld Distributor | 506 Caillavet St. 39533 |
| Gamble Dist., Inc. | KANSAS CITY |
| | 3117 Holmes St. 64109 |
| | ST. JOSEPH |
| Ross-Frazier Supply Co. | 8th and Monterey 64503 |
| | ST. LOUIS |
| | 2015 Lemay Ferry Road 63125 |
| | BELLMAWR |
| Lawnmower Parts Inc. | 717 Creek Rd. 08030 |
| | RUTHERFORD |
| | 28 Glen Rd. 07070 |
| | CARTHAGE |
| | West End Ave. 13619 |

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

| | |
|--------------------------------|---------------------------------|
| NORTH CAROLINA | GOLDSBORO |
| Smith Hardware Co. | 515 N. George St. 27530 |
| OHIO | GREENSBORO |
| Dixie Sales Company | 335 N. Green 27402 |
| OKLAHOMA | CARROLL |
| Stebe's Mid-State Mower Supply | Box 366, 71 High St. 43112 |
| OREGON | CLEVELAND |
| Bleckrie, Inc. | 7900 Lorain Ave. 44102 |
| PENNSYLVANIA | WADSWORTH |
| National Central | 687 Seville Rd. 44281 |
| OKLAHOMA | YOUNGSTOWN |
| Burton Supply Co. | 1301 Logan Ave. 44501 |
| OKLAHOMA | MUSKOGEE |
| Victory Motors, Inc. | 605 S. Cherokee 74401 |
| OREGON | OKLAHOMA CITY |
| Forest Sales Inc. | 6415 N. Olie 73116 |
| PENNSYLVANIA | PORTLAND |
| Kenton Supply Co. | 8216 N. Denver Ave. 97217 |
| TEXAS | CHESTER |
| Stull Equipment Corp. | 742 W. Front St. 19013 |
| UTAH | HARRISBURG |
| EECO Inc. | 4021 N. 6th St. 17110 |
| VERMONT | PHILADELPHIA |
| Thompson Rubber Co. | 5222-24 N. Fifth St. 19120 |
| WISCONSIN | PITTSBURGH |
| Bluemont Co. | 11125 Frankstown Rd. 15235 |
| WISCONSIN | PUNXSUTAWNEY |
| Frank Roberts & Sons | R.D. 2 15767 |
| WISCONSIN | KNOXVILLE |
| Master Repair Service | 2000 Western Ave. 37921 |
| WISCONSIN | MEMPHIS |
| American Sales & Service, Inc. | 1922 Lynnbrook 38116 |
| WISCONSIN | DALLAS |
| Marr Brothers, Inc. | 423 E. Jefferson 75203 |
| WISCONSIN | FORT WORTH |
| Woodson Sales Corp. | 1702 N. Sylvania 76111 |
| WISCONSIN | HOUSTON |
| Bullard Supply Co. | 2409 Commerce St. 77003 |
| WISCONSIN | SAN ANTONIO |
| Catto & Putty, Inc. | 414 Live Oak 78298 |
| WISCONSIN | SALT LAKE CITY |
| A-1 Engine & Mower Co. | 437 E. 9th St. 84111 |
| WISCONSIN | BURLINGTON |
| Vermont Hdwe. Co. Inc. | 180 Flynn Ave. 05401 |
| WISCONSIN | RICHMOND |
| RBI Corp. | 963 Myers St. 23260 |
| WISCONSIN | SEATTLE |
| Bailey's Inc. | 1414 14th Ave. 98102 |
| WISCONSIN | CHARLESTON |
| Young's, Inc. | 233 Virginia St., E. 25301 |
| WISCONSIN | MARSHFIELD |
| Power Pac | 301 E. 29th St. 54449 |

WARRANTY PARTS AND SERVICE POLICY

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number of unit involved.
2. Date unit was purchased or first put into service.
3. Date of failure.
4. Nature of failure.